

CENTRAL INTELLIGENCE AGENCY

S-E-C-R-E-T

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COUNTRY	USSR (Leningrad Oblast)	REPORT		25X1
SUBJECT	1. Warships in the Baltic Sea 2. Port of Leningrad	DATE DISTR.	1 December 1955	
		NO. OF PAGES	17	
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PLACE ACQUIRED		REFERENCES		25X1
DATE ACQUIRED		This is UNEVALUATED Information		

SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

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1. [redacted] three small naval vessels were sailing in column on a westerly course with about five ship lengths' interval between vessels in a position about 15 nautical miles east of Sommars. Each had one gun in a tub or shield on the forecastle, a long angular bridge, a high pole mast on the after edge of the bridge, one wide raked funnel abaft the bridge, a break in the deck just aft of the funnel, and comparatively little equipment on the afterdeck. (See Sketch No. 1 [redacted]) A submarine on the same course followed these vessels a short way astern to starboard. It was 60 to 70 meters long, with a stepped conning tower, and twin guns extending out from a short, flat projection at the forward edge of the conning tower. Astern and to port of the submarine there was a very large naval vessel on the same course as the other vessels. [redacted] The silhouette was like the ADMIRAL MAKAROV. (See Sketch No. 2) [redacted] a submarine was on an easterly course about ten nautical miles west of the Leningrad Lightship. [redacted] (See Sketch No. 3 [redacted]) The submarine was identical to, and probably was, the submarine which was observed east of Sommars. Immediately astern of the submarine and on the same course followed a large naval vessel. [redacted] the name ADMIRAL MAKAROV. (See Sketch No. 2 [redacted])

2. [redacted] the ADMIRAL MAKAROV lay moored in buoys outside Kronshtadt. Near the ADMIRAL MAKAROV lay three medium large naval vessels moored side by side in buoys. All were alike; [redacted] Each had two gun mounts on the foredeck, a bridge with a round object on top, a break in the deck at the after end of the bridge, a tripod mast between the bridge and [redacted]

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25 YEAR RE-REVIEW

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STATE	X	ARMY	X	NAVY	Ev	X	AIR	X	FBI	AEC							
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(Note: Washington distribution indicated by "X"; Field distribution by "#".)

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the forward funnel, a mast forward of the after funnel, and two gun mounts on the afterdeck (see Sketch No. 4). [redacted] a small naval vessel [redacted] was observed off Levaya Damba enroute up the Morskoy Canal. It had one gun in a shield or tub on the foredeck, a mast with radar on the bridge, one raked funnel about as high as the bridge, and miscellaneous equipment on the afterdeck, including two objects which resembled depth charge throwers. These throwers stood on either side of the centerline, about halfway between the funnel and the stern. (See Sketch No. 5) [redacted]

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[redacted] a special purpose vessel was at anchor outside Kronshtadt. [redacted]

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[redacted] It had a double hull with an opening in between the two sections. Four crane-like structures spanned the opening, each with a hoisting apparatus consisting of cables which ran through two square or hexagonally cut blocks. The storm bridge was over the crane structures. There was a pilot house between the first and second spans on the storm bridge. (See Sketch No. 6) [redacted]

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[redacted] At first the vessel followed in the wake of [redacted] ship on a westerly course, but after a while it increased speed and passed on the starboard side at an estimated speed of 40 knots. It was narrow in relation to its length. It had a very low bridge with a torpedo tube on each side and a very slender pole mast on the bridge. Aft the mast there was a sturdy structure with a smooth gray dome atop it. The dome was large in comparison to the bridge. Aft and between the torpedo tubes was a dual gun mount covered by a yellow tarpaulin. (See Sketch No. 7)

3.

[redacted] a submarine [redacted]

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was observed off Levaya Damba enroute up the Morskoy Canal. It was about 60 meters long and had a flat hull without guns or equipment. The conning tower had a step in the forward edge, and slanted down toward the deck on the after edge. There was a glass windshield in the forward end of the tower, and a short mast about in the middle of it. Built into the step on the forward edge of the tower was a revolving gun mount. The revolving part was small but possibly there was room for two men side by side in a sitting position. When observed, the gun mount was open at the top; the opening presumably could be closed by means of the hatch. Two barrels, one placed above the other, extended from the mount. The caliber was estimated to be 30 mm. (See Sketch No. 8. In order to illustrate relative sizes, crewmen have been sketched in the gun mount and at the mast.) [redacted] a vessel

[redacted] was observed near the Leningrad Lightship on a course for Kronshtadt. [redacted] a vessel [redacted]

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[redacted] was about two nautical miles west of the Leningrad Lightship heading for the lightship. The vessels [redacted] were identical. Each had a raised forecastle, a break in the deck at the after edge of the bridge, another break down to the afterdeck, one gun in a shield on the forecastle, a gun on a step on the forward edge of the bridge, a tripod mast, one funnel, and a gun on the engine housing abaft the funnel. (See Sketch No. 9) [redacted] a small vessel was moored in buoys about two or three nautical miles west of the lightship. [redacted] There was a gun on the centerline on the foredeck, a box-shaped bridge with a searchlight at the forward edge and a slender pole mast at the after edge, a gun on each side abaft the bridge, and a gun on the centerline on the afterdeck. [redacted]

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(See Sketch No. 10) [redacted] two medium large naval vessels, two submarines, and one MTB (see Sketch No. 11), were observed

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several times between the Leningrad Lightship and a point about three nautical miles west of the lightship. The vessels were not in formation and sailed on constantly varying courses. [redacted] a medium large naval vessel was about 14 nautical miles west of the Leningrad Lightship. It sailed on a varying but generally easterly course at varying speeds. [redacted] It was a flush-decker with a high bow and sheer in the deck. It had a large gun mount with one or possibly two guns on the foredeck. The barrel seemed slender compared to the mount. There was a dual gun mount on the step on the forward end of the bridge; the barrels seemed comparatively long. A stout, raked tripod mast stood just abaft the bridge, and a raked funnel was located immediately abaft the mast. There were torpedo tubes on the deck abaft the funnel. The vessel had a heavy raked, tripod aftermast on a low deckhouse abaft the torpedo tubes. There was an oblong and bowed radar scanner atop the mainmast. The scanner was fasted on a substantial horizontal structure. Both the scanner and the structure rotated. Abaft the mast, there was a raked funnel which was rounded at the top. The after funnel was shorter than the forward one. A twin-gun mount, similar to the one on the forward end of the bridge, was situated on the deckhouse abaft the after funnel and a large gun mount with one or two guns stood on the afterdeck (see Sketch No. 12).² During the observation, several bursts were fired from the twin guns abaft the after funnel. The speed of fire was estimated at about three rounds per second. The muzzle flash could not be seen but some grayblack smoke was observed. The shell explosions were heard long after the firing, presumably at a great altitude above the cloud ceiling, which was thick and quite low.

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[redacted] a medium large naval vessel, identical [redacted] was on an easterly course about in position N60-03, E28-40.

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4. At the Baltic Shipyard several red-lead steel constructions, presumably submarine sections, lay on the shipyard quay. (See Sketch No. 13) Near these stood an enormous crane, possibly a floating crane, since what it stood on was little higher than the level of the quay. The arm of the crane had four blocks, two large ones at the end and two smaller ones a short distance in. The maximum height of the crane was estimated at 70 meters. At night it was marked with nine red lights. (See Sketch No. 13; Sketch No. 14b gives the placement of the lights. [redacted])

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[redacted] Beyond the crane lay two red-lead steel submarines side by side in slips. (See Sketch No. 13 [redacted]) On the quay beyond the submarine slips stood two similar aluminum colored funnels, both with smoke deflectors. (See Sketches Nos. 13 and 14c [redacted]) All the shops were dark at night and none of the cranes were operating.

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5. In the river between the Marti Shipyard and the Baltic Shipyard lay two similar, obviously completely new tankers of about 14,000 DWT. There was a large unpainted hull of about 10,000 to 15,000 DWT on a slip at the Marti Shipyard. The superstructure was as on a stern loader. The ship was likely of the same type as the tankers on the river. No vessels were observed either in the floating dock or along the quay at the Kanonerskiy Shipyard. [redacted]

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6. [redacted] a medium large floating crane proceeded under its own power out the Morskoy Canal past Levaya Damba. [redacted] At about 1500 hours on the same day, a very large floating crane was towed by a tug up the Morskoy Canal past Levaya Damba. [redacted]

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Later in the evening, the crane was observed at the Baltic Shipyard.

[redacted] this
[redacted] was the same crane which was observed at the Baltic Shipyard [redacted]

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[redacted] The middle portion of the Customs Quay was marked with the number 6. Five parallel railway tracks ran lengthwise along the quay. The quay had two rows of cranes. The row of cranes nearest the quay edge loaded and discharged cargo. The cranes in the inner row were larger and had a greater working radius. These were used to move goods on the quay. (See Sketch No. 15.) In Gutuyevskiy Basin, on the quay opposite the Kanonerskiy Shipyard, another type crane was observed. [redacted]

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7. [redacted] a freighter of about 6000 DWT, the SS PETROPAVLOVSK-KAMCHATSKIY, passed up the Morskoy Canal in ballast. It looked as though it were German built. It was equipped with radar. (Sketch No. 16 is an accurate drawing of the radar scanner.)

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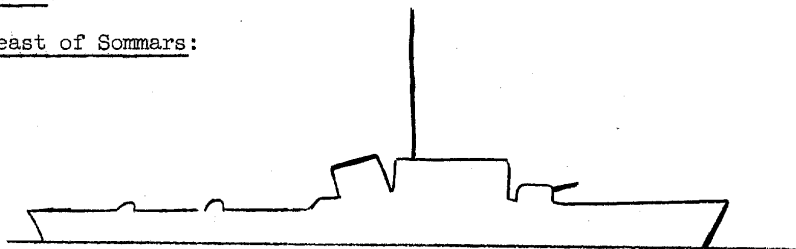
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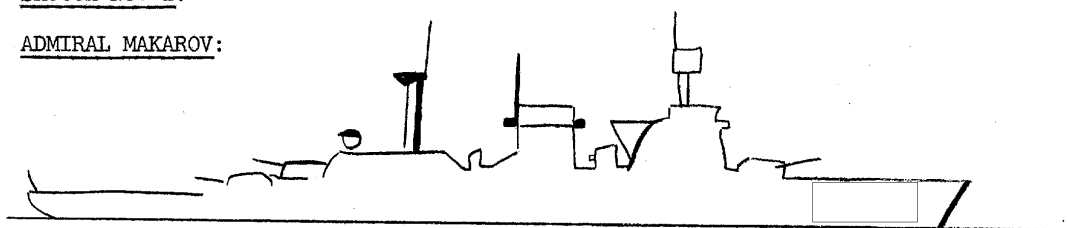
Sketch No. 1:

Vessels east of Sommars:



Sketch No. 2:

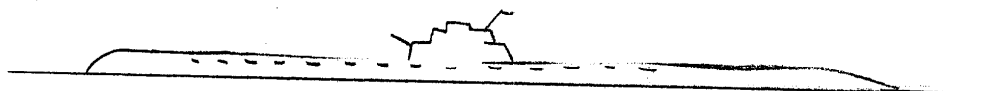
ADMIRAL MAKAROV:



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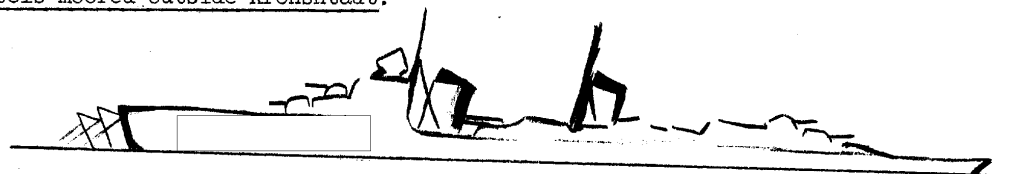
Sketch No. 3:

Submarine near the Leningrad Lightship:



Sketch No. 4:

Vessels moored outside Kronshtadt:



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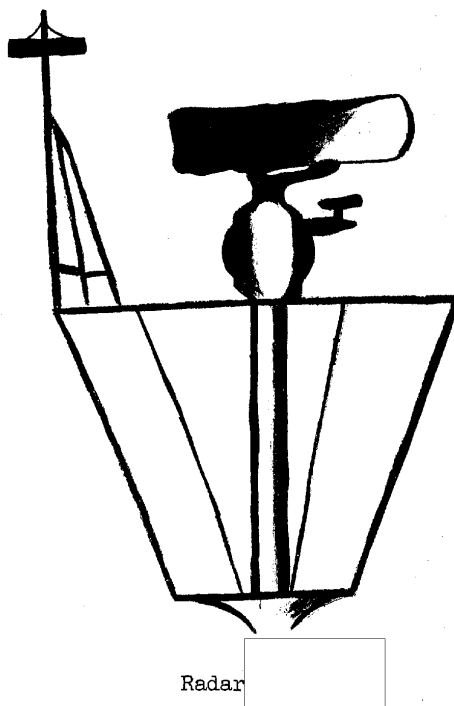
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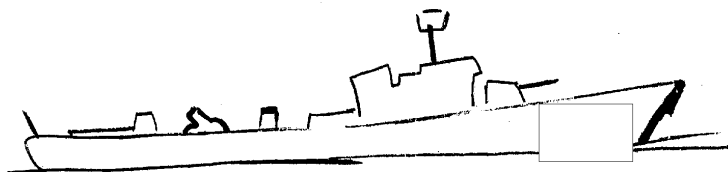
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Sketch No. 5:

Vessel in Morskoy Canal:



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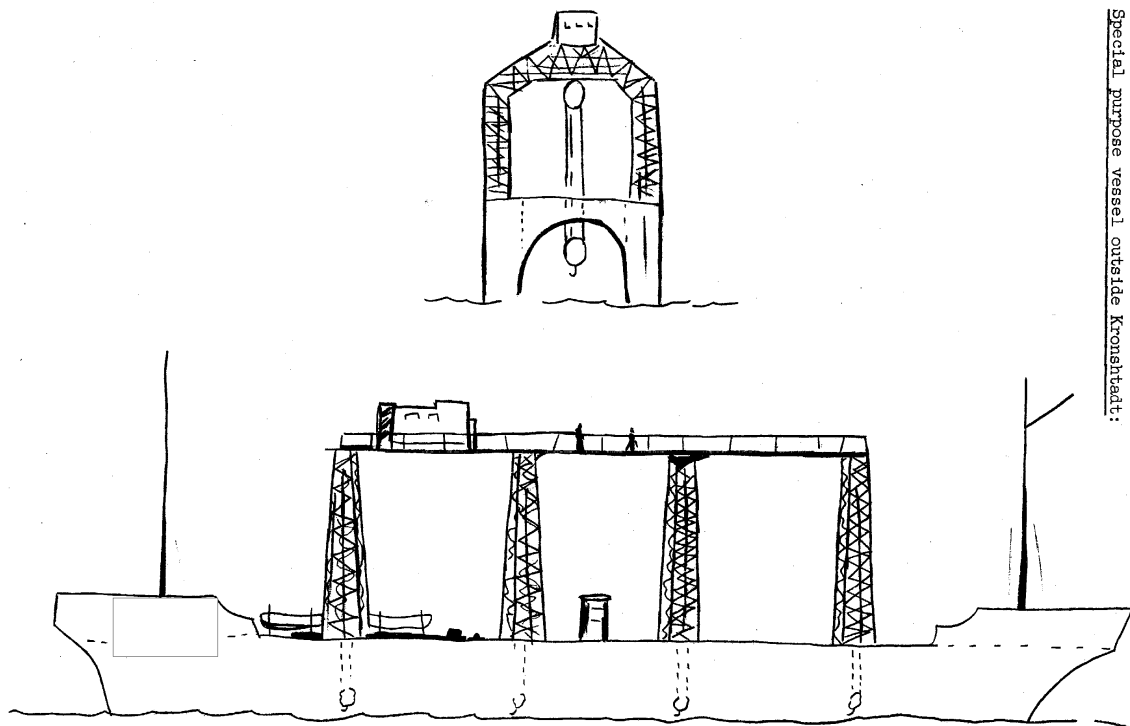
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Sketch No. 6:

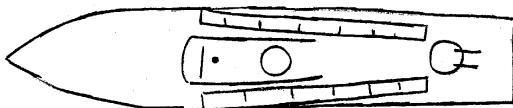
Special purpose vessel outside Kronshadt:



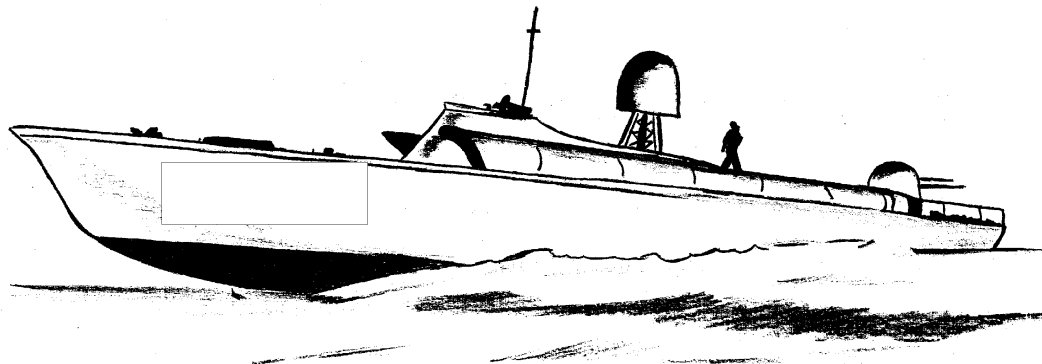
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Sketch No. 7:
MTB near the Leningrad Lightship:



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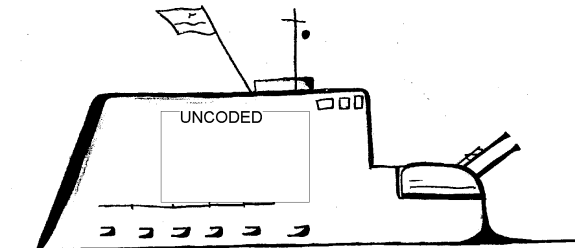
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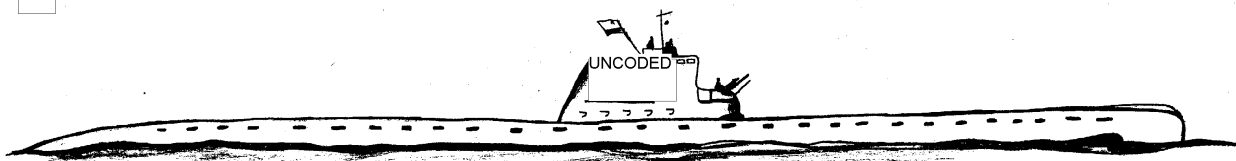
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Sketch No. 8:

Submarine in the Morskoy Canal:



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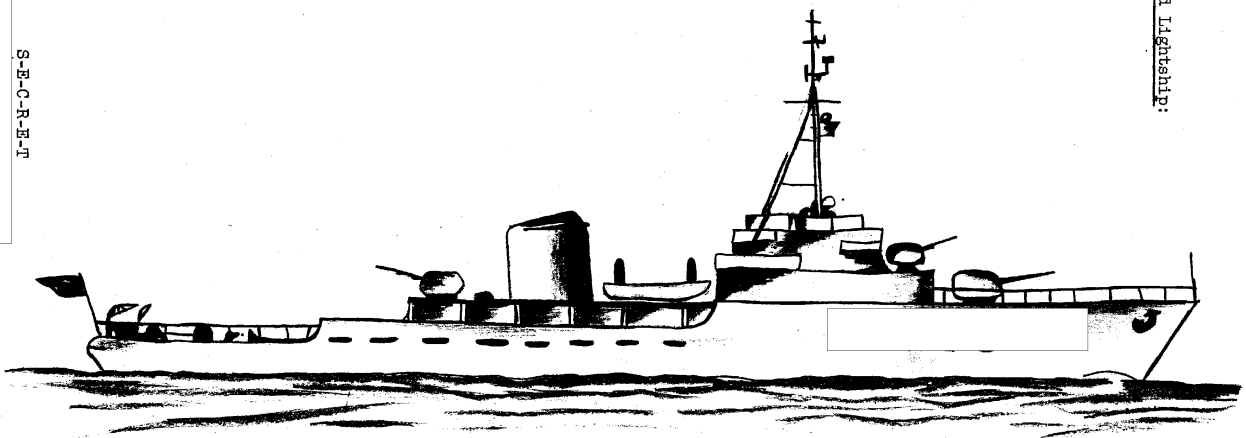
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Sketch No. 9:
Vessel near the Leningrad Lightship:

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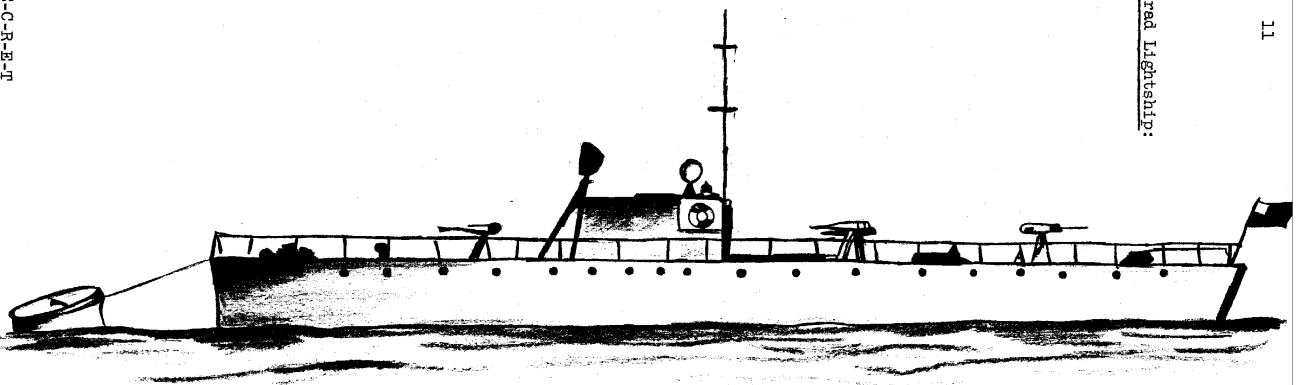


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Sketch No. 10:
Vessel moored west of the Leningrad Lightship:



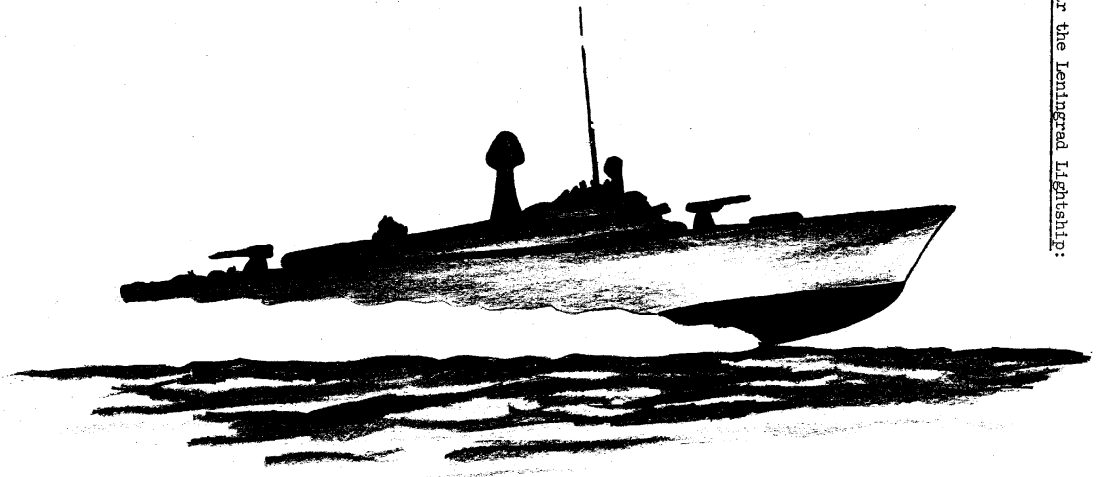
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Sketch No. 11:
MTB maneuvering near the Leningrad Lightship:



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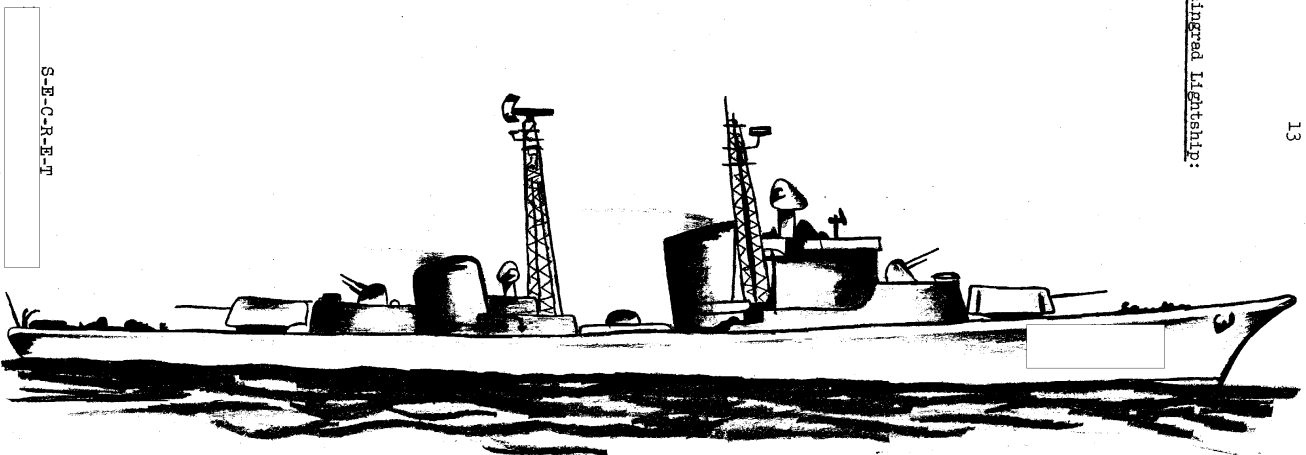
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Sketch No. 12:
Vessel west of the Leningrad Lightship:



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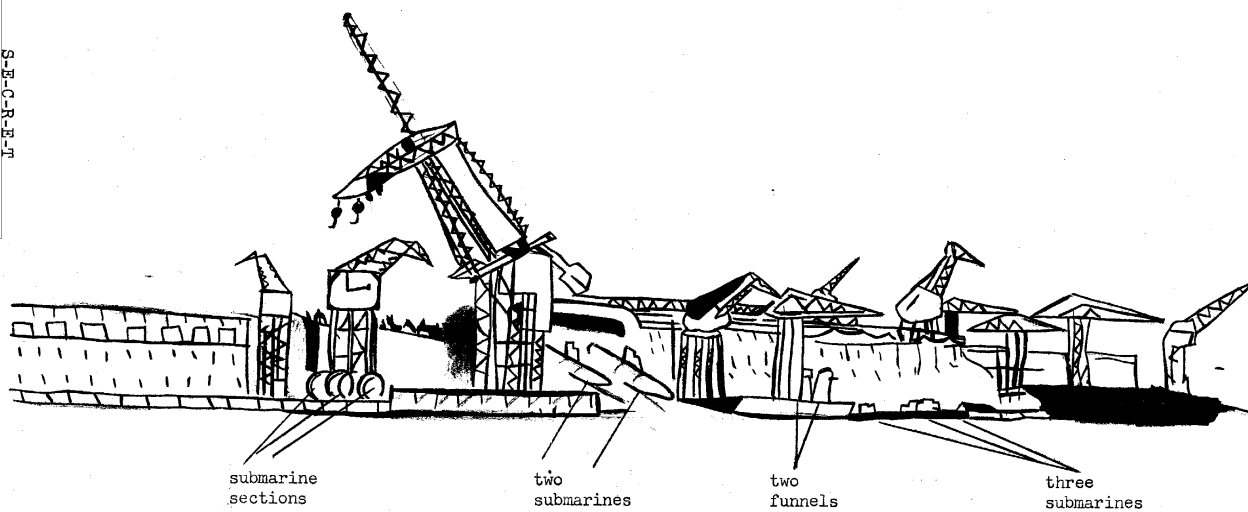
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Sketch No. 13:
Baltic Shipyard:

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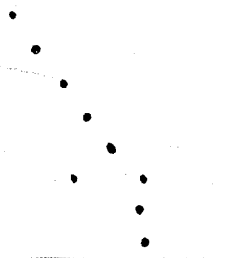
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Sketch No. 14:

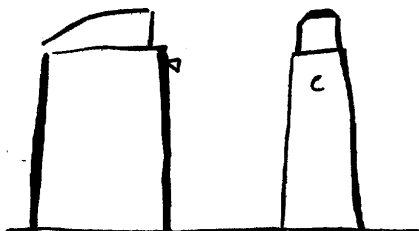
- a. Conning towers at the Baltic Shipyard:



- b. Placement of lights on the crane at the Baltic Shipyard:



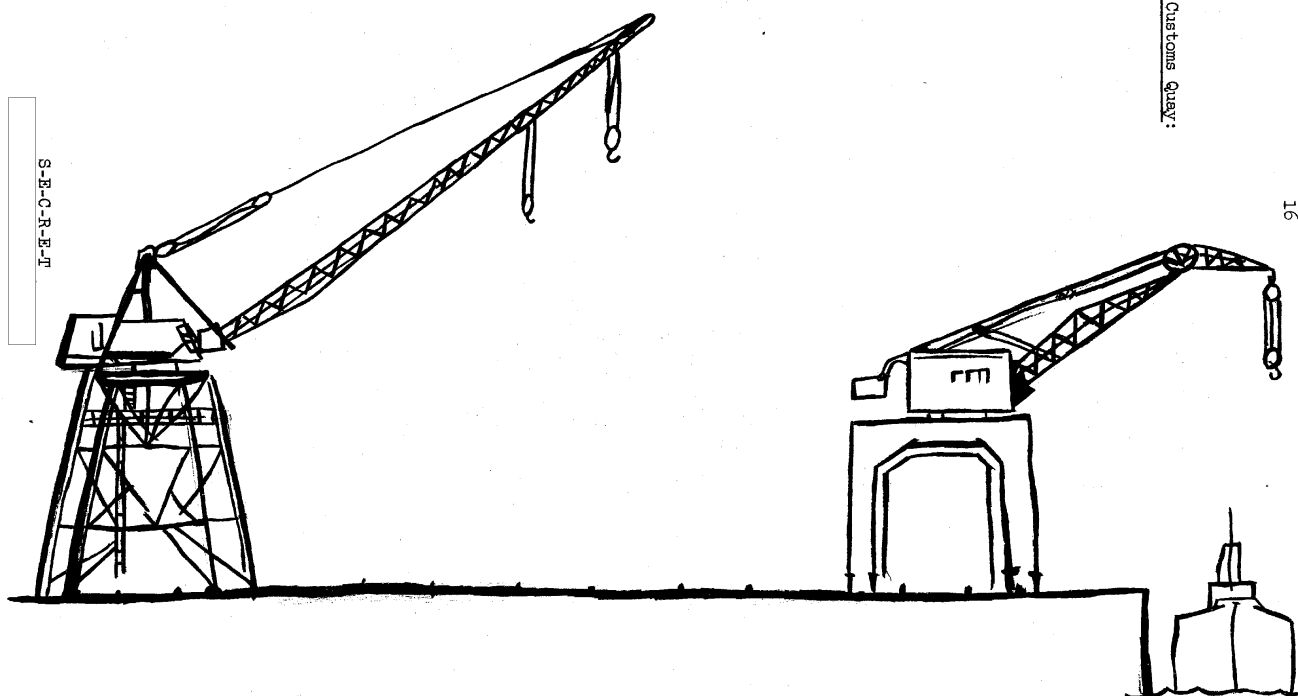
- c. Funnels at the Baltic Shipyard:



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Sketch No. 15:
Cranes on the Customs Quay:



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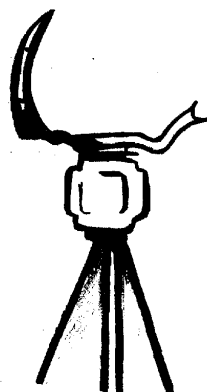
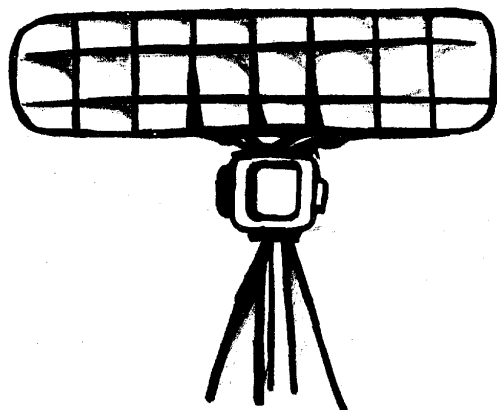
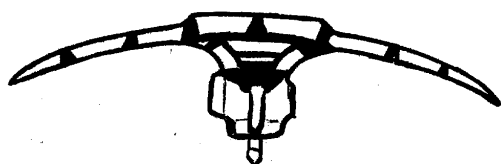
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Sketch No. 16:

Radar on SS PETROPAVLOVSK-KAMCHATSKIY:



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